

Converting Colors

Hex(7196DA)

Have a look what the booklet for
Hex(7196DA) contains.

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Color

Hex(7196DA)

Conversions

Conversions Part 1

Format	Color
Hex	7196DA
RGB	113, 150, 218
RGB Percent	44%, 59%, 85%
CMY	0.5569, 0.4118, 0.1451
CMYK	0.48, 0.31, 0.00, 0.15
HSL	219°, 59%, 65%
HSV	219°, 48%, 85%
XYZ	30.3713, 30.3854, 70.5939
YIQ	146.6890, -43.8800, 13.3040

Conversions

Conversions Part 2

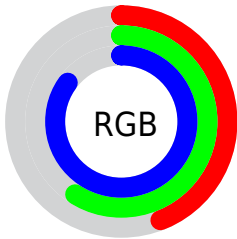
Format	Color
RYB	113, 140, 218
Decimal	7444186
CIELab	61.99, 5.69, -38.64
CIElCh	62, 39.060, 278.373
Yxy	30.3854, 0.2312, 0.2313
Android (android.graphics.Color)	4285634266 (0xFF7196DA)
YUV	146.6890, 35.1563, -29.5453
Hunter-Lab	55.1229, 1.8837, -37.3445

Details

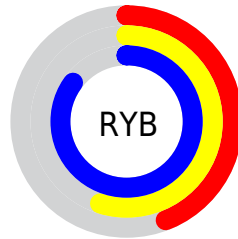
The Hex color **7196DA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DAB571**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **A9CCFF**, and **3764A3** is the 20% darker color. If you saturate the color by 10%, you get **5B88DA**, and if you desaturate by 10%, it is **87A4DA**.

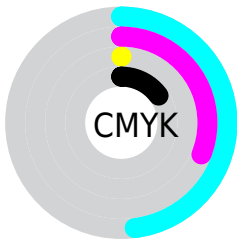
Distribution



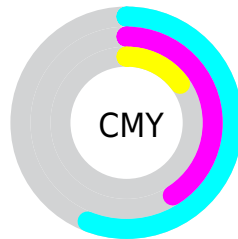
- Red (44%)
- Green (59%)
- Blue (85%)



- Red (44%)
- Yellow (55%)
- Blue (85%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7196DA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7196DA by changing the saturation by 10% instead.

 7196DA

 7196DA

FFFFFF

 557CBE

 A9CCFF

 3764A3

 C6E8FF

 134C88

 E3FFFF

 00366E

 002156


 00093E

 000327

 000111

 000000

 7196DA

 7196DA

 5B88DA

 87A4DA

 457ADA

 9DB2DA

 306CDA

 B2C0DA

 1A5EDA

 C8CEDA

 044FDA

 DEDDDA

 004DDA

 F4EBDA

 FFF9DA

 FFFFDA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22A0D5



7196DA



A689CC

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7196DA



D4806D



50A67B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7196DA



DAB571

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7DA05E



7196DA



C08B56

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7196DA



D87A8D



A29750



00A89F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7196DA



BF81BB



A29750



60A470

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7196DA



DBE8FF



71DAB3



6A7180



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7196DA



6B9FFF



7F71DA



63676E



003DAD



00102E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DA7196



FF6B9F



CCDA71



6E6367



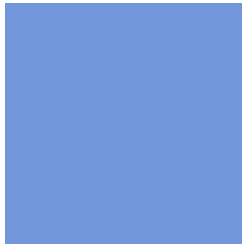
AD003D



2E0010

Previews

White Background



This preview shows how the Hex color 7196DA looks on a white background.

Color Contrast Check

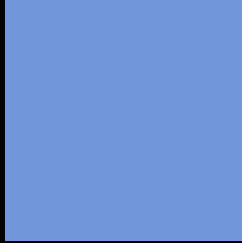
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7196DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

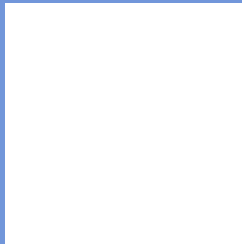
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7196DA Background



This preview shows how black text looks on a background with the Hex color 7196DA.

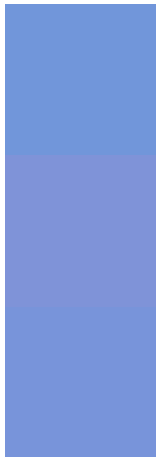


This preview shows how white text looks on a background with the Hex color 7196DA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

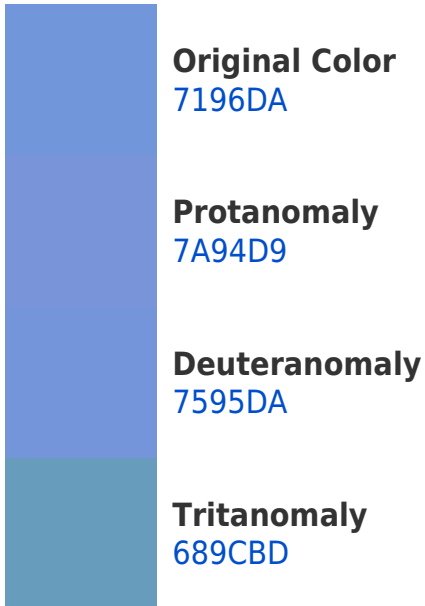


Original Color
7196DA

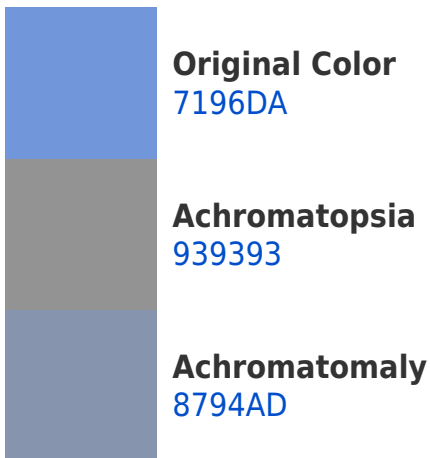
Protanopia
7F93D8

Deuteranopia
7894DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7196DA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7196DA looks like.

```
.text, #text, p{  
    color:#7196DA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7196DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7196DA
}
```

Border

The CSS property to change the border of an element to Hex 7196DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7196DA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7196DA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7196DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7196DA; -webkit-box-shadow:4px 4px  
4px 4px #7196DA; box-shadow:4px 4px 4px  
4px #7196DA }
```

Background

The CSS property to change the background color of an element to Hex 7196DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7196DA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7196DA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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